



## DAILY REPORT

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<b>PROJECT</b>	San Jacinto River Waste Pits TCRA		<b>CONTRACT NO.</b>	
<b>CONTRACTOR</b>	USA Environment, LP		<b>SUPERINTENDENT</b>	Ron Griffith
<b>DAY OF WEEK &amp; DATE:</b>	Thursday, May 26, 2011		<b>REPORT NO.</b>	113
<b>WEATHER</b>	Sunny, light-to-moderate wind from northeast		<b>TEMPERATURE</b>	L:75° H:95°F
<b><u>NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:</u></b>		<b><u>MAJOR EQUIPMENT ON JOB (Size/capacity):</u></b>		
10 – USA Environment (USA) 6 – Envirocon		LaBarge Property Komatsu PC300LC Excavator (2) Komatsu PC200LC Excavator Komatsu D61 Dozer Deere 624J Front-end Loader Deere 644J Front-end Loader Crane Work boat with winch Barge-Mounted Excavator (2) 'Jim Dandy' Tug Boat Jon Boat Aggregate Transport Barge (all water-based work equipment idle on this date)		
		TxDOT ROW/SJRWP Cat Long Reach Excavator (idle) Cat 930 Loader (idle) Morooka Dump Truck (idle) Skid-steers (2) (idle) Rubber tired forklift Kobelco SK210 Excavator Kubota Mini-Excavator Water Truck		
<b><u>TIDE INFORMATION:</u></b>		<b><u>HEALTH AND SAFETY INFORMATION:</u></b>		
<b>Time:</b>	<b>Location:</b>	<b>Height (inches):</b>	No incidents or near misses on this date.	
<b><u>CHRONOLOGICAL ACCOUNT OF ANCHOR QEA FIELD REPRESENTATIVE ACTIVITIES:</u></b>				
06:55 Randy Brown (Anchor QEA) on-site at the Admin area; USA and Envirocon crews on-site.				
07:00 Participated in a tailgate Health and Safety Meeting led by Blane Carlisle (USA Health & Safety Officer). Main topic: good site housekeeping.				
07:10 Today's Projected Work Objectives for USA and their subcontractors: <ul style="list-style-type: none"><li>• Begin installation of the geomembrane (LLPDE liner) in the Western Cell</li></ul>				
07:15 USA and Envirocon crews mobilized to the TxDOT ROW/SJRWP area.				
09:10 R. Brown mobilized to the TxDOT ROW/SJRWP area. Current activities: <ul style="list-style-type: none"><li>• Placing sand bags on the leading (north) end of the single panel of LLDPE liner that has already been placed this morning</li><li>• Picking up stones and other loose debris from atop the 12-oz geotextile liner in the Western Cell</li></ul>				
09:20 Ron Griffith (USA) stated that installation of the LLDPE liner has been postponed due to a moderate north wind at the site. The north wind creates a safety risk because it can blow under the leading edge of the LLDPE liner and pick it up, creating the potential for injury to site workers or blowing the panel toward the I-10 Bridge. LLDPE installation will resume if the wind lessens or tomorrow morning when SE wind is forecast.				

09:50 R. Brown mobilized to the Admin area.

10:40 USA reported that wind velocity at the site has lessened and LLDPE installation has resumed. R. Brown mobilized to the TxDOT ROW/SJRWP area. Current activities:

- Installation of the LLDPE liner; rolling out a new panel and welding the seam between two panels already placed. The general procedure for deploying the LLDPE liner was as follows:
  - Kobelco SK210 excavator equipped with a spreader bar positions a roll of LLDPE liner along the top of the central berm
  - A 4-wheel ATV and several laborers unroll the LLDPE panel across the Western Cell in an east-to-west direction
  - Several laborers overlap the newly-paced panel with the adjacent panel
  - Two laborers clean the two panels at the overlap area and weld the overlapped panels together with a double seam
  - One crew member testing the welding seams by measuring whether the double seam will maintain air pressure when filled to 30 psi using an air compressor

11:40 R. Brown mobilized to the Admin area.

12:30 R. Brown and Valmichael Leos (USEPA) mobilized to the TxDOT ROW/SJRWP area. Current activities:

- Installation of the LLDPE liner using the procedures described above
- Testing seams on previously-installed panels of the liner

13:50 R. Brown and V. Leos mobilized to the Admin area.

16:00 R. Brown participated in a conference call between USA, Anchor QEA, MIMC, IP, and USEPA to review health & safety, schedule, progress, and projected work. V. Leos was in attendance on behalf of USEPA.

16:50 R. Brown met with Cesar Garcia (USA) to discuss USA's preliminary observations of a hydrographic survey completed on May 24 and 25, 2011.

17:20 USA crew arriving at the Admin area; R. Brown departed the Admin area, off-site for the day.

**Summary of Progress on this Date:**

- Began installation of the geomembrane (LLDPE liner) in the Western Cell; deployed 53,500 square feet of the liner in the Western Cell on this date

Note: USA reported that operations were delayed for three hours on this date due to the safety risk posed by a north wind; liner deployment resumed after the wind velocity lessened

**Persons On-site on this Date:**

USEPA – Valmichael Leos

Anchor QEA – Randy Brown

USA Environment – Cesar Garcia, Ron Griffith, Blane Carlisle, and 7 crew

Envirocon – 6 crew



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### Cover Material Delivery Summary as of this Date:

Material	Stone Size (D <sub>50</sub> )	Units	Delivered 5/26 (units)	Delivery Verification Method	Preceding Delivered Total	Total Delivered for Project
Armor Cap A	3"	ton	0	weigh tickets	15,248	15,248 (122%)
Armor Cap B/C	6"	ton	0	weigh tickets	1,927	1,927 (16%)
Armor Cap C	6"	ton	0	weigh tickets	10,069	10,069 (94%)
Armor Cap D	8"	ton	0	weigh tickets	20,641	20,641 (78%)

### Cover Material Placement Summary as of this Date:

Material	Stone Size (D <sub>50</sub> )	Units	Placed 5/26 (units)	Verification Method	Preceding Placed Total	Total Placed for Project
Armor Cap A	3"	ton	0	contractor measure	12,459	12,459 (100%)
Armor Cap B/C	6"	ton	0	contractor measure	1,927	1,927 (16%)
Armor Cap C	6"	ton	0	contractor measure	9,708	9,708 (91%)
Armor Cap D	8"	ton	0	contractor measure	20,641	20,641 (78%)
All Types:						44,735 (72%)

### PHONE LOG:

16:00 R. Brown participated in a conference call between USA, Anchor QEA, MIMC, IP, and USEPA to review health & safety, schedule, progress, and projected work. V. Leos was in attendance on behalf of USEPA.

### SITE PHOTOS/VIDEOS TAKEN: (attached below)

6 photos (descriptions provided underneath photo)

### FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:

None

FIELD REPRESENTATIVE	Randy Brown	HRS	10.5	DATE	5/26/11
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(Signature on Hardcopy)



Photo 1 – Deploying LLDPE liner in the Western Cell.



Photo 2 – Deploying LLDPE liner in the Western Cell.



Photo 3 – Welding a double seam into two overlapping panels of LLDPE.



Photo 4 – Double seam used to weld together two overlapping panels of LLDPE.



Photo 5 – Pressure-testing a double seam to verify the integrity of the seam.



Photo 6 – Deploying LLDPE liner in the Western Cell.